

TABLE 3

No.		a1	a2	a3	a4	a5	Agglutinin test	Neutralizing activity
1		Phe	Tyr	Arg	Lys	Ala	*	*
2		Tyr	Arg	Arg	Ala	Ala		*
3		Trp	Trp	Glu	Ala	Ala	*	*
4		Tyr	Gln	Glu	Ala	Ala	*	
5		Gly	Tyr	Tyr	Lys	Ala	*	*
6		Trp	Trp	Lys	Ala	Ala	*	*
7		Tyr	Tyr	Arg	Ala	Ala		*
8		Phe	Arg	Lys	Ala	Ala		*
9		Tyr	Tyr	Lys	Lys	Ala	*	*
10		Tyr	Tyr	Lys	Leu	Leu		*
11		Tyr	Arg	Lys	Ala	Ala	*	*
12		Tyr	Tyr	Lys	Ala	Ala	*	*
13		Arg	Tyr	Lys	Ala	Ala	*	*
14		Phe	Tyr	Arg	Ala	Ala		*
15		Tyr	Ala	Lys	Ala	Ala	*	
16		Tyr	Tyr	Glu	Ala	Ala	*	
17		Tyr	Trp	Lys	Ala	Ala	*	
18	Gly	Tyr	Tyr	Lys	Ala	Ala	*	
19		Trp	Tyr	Lys	Ala	Ala	*	
20		Tyr	Gln	Lys	Ala	Ala	*	
21		His	Tyr	Lys	Ala	Ala	*	*
22		Tyr	Arg	Tyr	Ala	Ala		*
23		Tyr	Tyr	Mct	Ala	Ala		*
24		Tyr	Val	Lys	Ala	Ala		
25	Gly	Tyr	Ala	Tyr	Arg	Lys	*	
26		Arg	Arg	Trp	Ala	Tyr	*	*
27	Arg	Tyr	Tyr	Lys	Ala	Ala	*	

Nos. 1-17, 19-24 and 26 of Table 3 correspond to SEQ ID No. 4.

No. 18 of Table 3 corresponds to SEQ ID No. 9.

No. 25 of Table 3 corresponds to SEQ ID No. 10.

No. 27 of Table 3 corresponds to SEQ ID No. 11.

TABLE 4

No.			a1	a2	a3	a4	a5	Agglutinin test	Neutralizing activity
28			Tyr	Lys	Lys	Ala	Ala	*	
29			Tyr	His	Lys	Ala	Ala	*	*
30			Asp	Tyr	Lys	Ala	Ala	*	
31			Tyr	Tyr	Lys	Trp	Ala	*	
32			Tyr	Tyr	Lys	Gly	Ala	*	
33			Tyr	Tyr	Lys	Ala	Gly	*	
34			Tyr	Tyr	Lys	Lys	Ala	*	
35			Tyr	Tyr	Lys	Val	Ala	*	
36			Tyr	Tyr	Lys	Ile	Ala	*	
37			Tyr	Tyr	Lys	Ser	Ala	*	
38			Tyr	Tyr	Lys	Thr	Ala	*	
39			Tyr	Tyr	Lys	Met	Ala	*	
40			Tyr	Tyr	Lys	Gln	Ala	*	
41			Tyr	Tyr	Lys	Asn	Ala	*	
42			Tyr	Tyr	Lys	His	Ala	*	
43			Tyr	Tyr	Lys	Phc	Ala	*	
44			Tyr	Tyr	Lys	Trp	Ala	*	
45			Tyr	Tyr	Lys	Arg	Ala	*	
46			Tyr	Tyr	Lys	Ala	Val	*	
47			Tyr	Tyr	Lys	Ala	Ile	*	
48			Tyr	Tyr	Lys	Ala	Ser	*	
49			Tyr	Tyr	Lys	Ala	Thr	*	
50			Tyr	Tyr	Lys	Ala	Met	*	
51			Tyr	Tyr	Lys	Ala	Gln	*	
52			Tyr	Tyr	Lys	Ala	Asn	*	
53			Tyr	Tyr	Lys	Ala	His	*	
54			Tyr	Tyr	Lys	Ala	Phc	*	
55			Tyr	Tyr	Lys	Ala	Trp	*	
56			Tyr	Tyr	Lys	Ala	Arg	*	

Nos. 28-56 of Table 4 correspond to SEQ ID No. 4

A sign of each amino acid formula shows the amino acid residue by the internationally approved characters, the details are as follows:

Tyr: Tyrosine

Lys: Lysine

Trp: Tryptophan

Arg: Arginine

Glu: Glutamic acid

Gln: Glutamine

His: Histidine

Ala: Alanine

Phe: Phenylalanine

Gly: Glycine

Met: Methionine

Asp: Aspartic Acid

Asn: Asparagine

Val: Valine

Ser: Serine

Cys: Cysteine

Thr: Threonine

Ile: Isoleucine

Leu: Leucine

Pro: Proline

A peptide having such an amino acid sequence shows a superior affinity to gp120, and can be utilized effectively as an anti-HIV medicine by taking a form of chemical compound or composition shown as follows.

A compound of this invention is matter that binds a high molecular chemical compound and/or medicinal activator functional group, and this invention includes the salts to be admitted as medicine.

For example, as pharmaceutically acceptable salts here, following intoxicant salts in